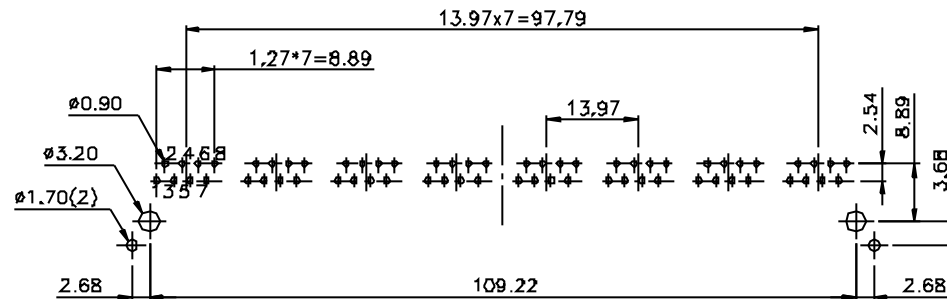


CAT 5 DATA TABLE:

Frequency	Near-End Cross Talk dB, MIN.	Return Loss dB, MIN.	Attenuation dB, MAX.
1.0 MHZ	65	23	0.1
4.0 MHZ	65	23	0.1
8.0 MHZ	62	23	0.1
10.0 MHZ	60	23	0.1
16.0 MHZ	58	23	0.2
20.0 MHZ	54	23	0.2
25.0 MHZ	52	14	0.2
31.25 MHZ	50	14	0.2
62.5 MHZ	44	14	0.3
100.0 MHZ	40	14	0.4



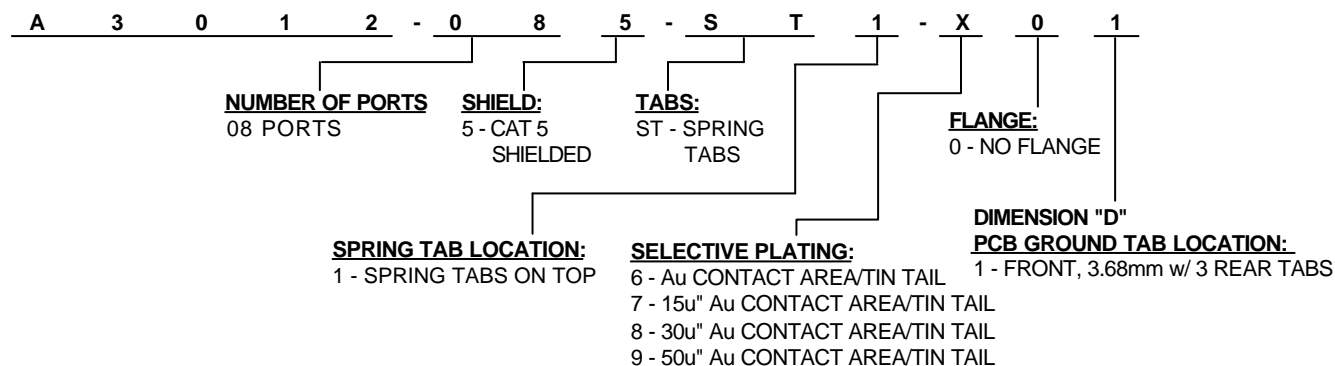
PC Board Layout
Component Side Shown

VOLTAGE RATING: 125 VAC RMS.
 CURRENT RATING: 1.5A
 CONTACT RESISTANCE: < 50 mΩ Max.
 INSULATION RESISTANCE: > 1000 MΩ Min. at 500 VDC
 DIELECTRIC WITHSTANDING VOLTAGE:
 1000V (rms) AC 60Hz for 1 Minute
 OPERATING TEMPERATURE: 0° C to +70° C

MATERIAL:

HOUSING: Thermoplastic (UL94V-0)
 SHIELD: 0.25mm Thickness Copper Alloy
 CONTACT: 0.35mm Thickness Phosphor Bronze
 PLATING: Gold Plating over Nickel in Contact
 Tin Plating over Nickel in Solder Area
 SHIELD: Brass with Nickel Plating

HOW TO ORDER:



Rev		Apv.	Date
0	Issued	D.H.	06/07/04

SMP TECHNOLOGY, INC.

RJ45, 8 Port, Side Entry, CAT 5 Shielded with Top EMI Tabs, Front 3.68mm

SCALE: n/a

TOL. DEC. .X +/- 0.2 .XX +/- 0.15 .XXX +/- 0.075 ANGLE +/- 0.5°

P/N: A3012 - 085 - ST1 - X01

Pg: 1